



Algebra 1 Foundations

Mrs. Graver

Room: 300

Website: <http://www.tamaqua.k12.pa.us/62602081574728870/site/default.asp>

Book website: www.pearsonsuccessnet.com

Email: agraver@tamaqua.k12.pa.us

School Phone: 570-668-1901

Course Description

A traditional approach to Algebra, this course will cover the following topics:

- Foundations for Algebra
- Solving equations
- Solving inequalities
- Solving inequalities
- Introduction to functions
- Linear functions
- Systems of equations and inequalities
- Exponents and exponential functions
- Polynomials and factoring
- Quadratic functions and equations
- Rational expressions and functions
- Radical expressions and functions
- Data analysis and probability

Materials needed for Class

- Textbook (*Foundations of Algebra 1*, Pearson) – must be covered
- 3-ring binder
- Homework notebook
- Calculator TI-30XS multiview
- Writing utensil

"It is not enough to
have a good mind.
The main thing is to use it
well." ~ Descartes
~ Descartes

Classroom Expectations

- Do things that will not prevent Mrs. Graver from teaching or you and your classmates from learning.
- Respect yourself, others, and your school.

Grading

Quarterly grades will be weighted and calculated as follows:

- Tests - 50%
- Quizzes – 30%
- Homework and in class assignments – 20%

Final grades for the year will be calculated with each of four marking periods counting as 20% and a midterm and final each 10%. All students will take the final exam.

Tests

In general, tests will be given after every chapter or half way through a chapter.

Quizzes

Quizzes will be given after every two to four lessons depending on chapter content. Quizzes will be computation based and assess specific bench marking skills.

Homework

Book homework will be assigned most nights and reviewed the following day. After homework questions have been answered, a homework quiz will be given to ensure all problems have been attempted. On random days each week, homework assignments may be collected and graded. Homework should be completed in your homework notebook.

Homework is still expected to be completed when absent in case of a random collection day or the homework quiz must be taken. It is your responsibility to hand in the missed assignment or schedule the makeup homework quiz within two days of being absent in order to receive full credit.

Doing homework will not only boost your grade but improve your test scores.
Homework is a win-win situation!

"I hear and I forget.
I see and I remember.
I do and I understand."
~Chinese proverb

Binder

You are required to have a 3-ring binder in which to neatly organize each lesson's notes. All notes will be taken on printed handouts already three hole punched and are expected to be in your binder. Any worksheets or handouts and your homework notebook should also be in the three holes of your binder. A binder quiz will be given after each chapter.

Second Chance Learning (SCL)

A Second Chance Learning policy will be in affect after every major test. Students may retake a test in which less than a 70% was earned for a maximum grade of a 70% as long as the conditions of the Second Chance Learning policy are met which may include but are not limited to completed homework, notes, review assignment, test correction sheet, etc from current unit. Test must be retaken on student's own time within one week of the test's return. Eligibility for SCL is determined by Mrs. Graver. *NOTE: This is a short description, not the entire policy.

Calculators

Calculators are allowed for homework assignments and tests as per Mrs. Graver's discretion. Students are expected to bring their own calculator to class and have it available when doing homework. A TI-84 is recommended especially for those planning to take pre-calculus. This is also the calculator used in LCCC math courses.

Cheating

Cheating is never tolerated. A zero will be given on any assignment, including tests, that cheating occurred. This may result in the student failing for the quarter. All cases of cheating (including but not limited to copying answers on homework/quizzes/tests, possessing another student's work, taking another student's work and calling it your own, etc.) will be handled by the high school discipline policy.

Echo 360

All lessons will be recorded daily and available for student viewing if absent or during study halls and at home for further clarification. The videos can be used as a great memory jogger while doing homework and preparing for tests. Links to each lessons' videos will be available by the end of the school day on Mrs. Graver's website.

Pearson Website

All students have a username and password allowing access to the curriculum website www.pearsonsuccessnet.com. Homework helps, reteaching lessons, test and quiz review, additional practice problems, the entire textbook, and more are available online for student use.

Algebra 1

Mrs. Graver

I have read and understand the expectations, grading, cheating, and homework policy, and will supply the necessary materials for class daily as presented in the syllabus for Algebra 1.

Student's name (print)

Student's signature

Date

Book Number

Describe Book Condition

Parent/Guardian name (print)

Relationship

Parent/Guardian signature

Date

Parent/Guardian email address (print)

Parent/Guardian phone number

Type: _____ cell _____ home

Parent/Guardian phone number

Type: _____ cell _____ home

Preferred method of contact: _____ email

_____ cell phone

_____ home phone

Parental Communication Log

Student Name _____

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